

Application/Control Number: 09/890,135
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Claims 1 – 6 have been amended

1. (Amended) An oral hygiene method for reducing the incidence of caries in a patient, comprising: contacting the patient's teeth, and surrounding oral cavity, with a toothpaste[,] and mouthwash compositions comprising a therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride; and exposing the patient's dental appliances and toothbrush periodically to a disinfecting solution comprising a therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride.

2. (Amended) An oral hygiene method as claimed in claim 1, wherein the therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride in the toothpaste is less than about 0.37% by weight of the resulting toothpaste composition.

3. (Amended) An oral hygiene method as claimed in claim 2, wherein the therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride in the mouthwash is less than about 0.40% by weight of the resulting mouthwash composition.

4. (Amended) An oral hygiene method as claimed in claim 3, wherein the therapeutically effective amount of the [Cetyl Pyridinium] Cetylpyridinium Chloride in the disinfecting solution is less than about [0.075%] 0.75% by [weight] weight, of the resulting disinfecting solution.

5. (Amended) An oral hygiene method as claimed in claim 1, wherein the toothpaste, mouthwash and disinfecting solution further comprises a therapeutically effective amount of Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate.

6. (Amended) An oral hygiene method as claimed in claim 5, wherein the therapeutically effective amount of Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate in the toothpaste is less than about 2.6%, by weight, of the resulting toothpaste[-] composition.

Claims 7 – 11 have been cancelled

12. An oral hygiene method as claimed in claim 1, wherein the toothpaste, mouthwash and disinfecting solution each have a pH of about 6.2.

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Claim 13 have been amended

13. (Amended) An oral hygiene method as claimed in claim 1, wherein the therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride in the toothpaste, mouthwash and disinfecting solution effectively reduces the number of bacterial flora which contribute to the development of caries.

14. An oral hygiene method as claimed in claim 1, wherein the patient's dental appliances and tooth brush are exposed to the disinfecting solution after being exposed to the oral cavity of the patient.

An oral hygiene kit, comprising:

a toothpaste for use in combination with a tooth brush;

a mouthwash; and a disinfecting solution to disinfect the toothbrush,

and wherein the toothpaste, mouthwash and disinfecting solution each comprise a therapeutically effective amount of Cetyl Pyridinium Chloride and Sodium Lauryl Sarcosine to reduce the incidence of caries in a patient.

Claims 15 and 16 have been amended

15. (Amended) An oral hygiene kit, comprising:
a toothpaste for use in combination with a [tooth brush] toothbrush; a mouthwash; and a disinfecting solution to disinfect the toothbrush, and wherein the toothpaste, mouthwash and disinfecting solution each comprise a therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride and Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate to reduce the incidence of caries in a patient.

16. (Amended) An oral hygiene kit as claimed in claim 15, wherein the therapeutically effective amount of [Cetyl Pyridinium] Cetylpyridinium Chloride and the Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate in the toothpaste, mouthwash and disinfecting solution effectively reduces the number of bacterial flora which contribute to the development of caries.

Claim 17 have been cancelled

Claim 18 have been amended

18. (Amended) An oral hygiene kit as claimed in claim 15, wherein the toothpaste comprises:

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about 1.6% to about 2.6%, by weight, of Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate;
about 0.25% to about 0.30%, by weight of Sodium Fluoride;
about 0.1% to about 0.6%, by weight, of Dehydroacetic Acid;
about 0.18% to about 0.37%, by weight, of [Cetyl Pyridinium] Cetylpyridinium Chloride;
about 30% to about 60%, by weight, of Sorbitol;
about 3% to about 10%, by weight, of [Glycerine] Glycerin;
about 1% to about 3%, by weight, of Cellulose Gum;
about 0.3% to about 1.0%, by weight, of Titanium Dioxide;
about 0.08% to about 0.1%, by weight, of Flavors;
about 10% to about 30%, by weight, of Hydrated Silica; and
about 10% to about 30%, by weight, of water.

Claims 19 – 21 have been cancelled

Claims 22- 23 have been amended

22. (Amended) A toothpaste comprising [comprised of about 1.7% by weight of] Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate; [about 0.25% by weight of] Sodium Fluoride; [about 0.2% by weight of Dehydroacetic] Dehydroacetic Acid; Cetylpyridinium Chloride, and [about 0.30% by Glycerine] Glycerin, at a pH of 6.2.

23. (Amended) A mouthwash comprising [comprised of about 0.2% by weight of] Sodium [Lauryl Sarcosine] Lauroyl Sarcosinate; [about 0.25% by weight of] Sodium Fluoride; [about 0.1% by weight of Dehydroacetic] Dehydroacetic Acid; [about 0.05% by weight of Cetyl Pyridinium] and Cetylpyridinium Chloride], at a pH of 6.2.